

*METHOD AND SYSTEM FOR SECURE AUTHENTICATION USING
MOBILE ELECTRONIC DEVICES*

William H. Saito

Appl. No.: Unknown Atty Docket: IOSOFTW.003A

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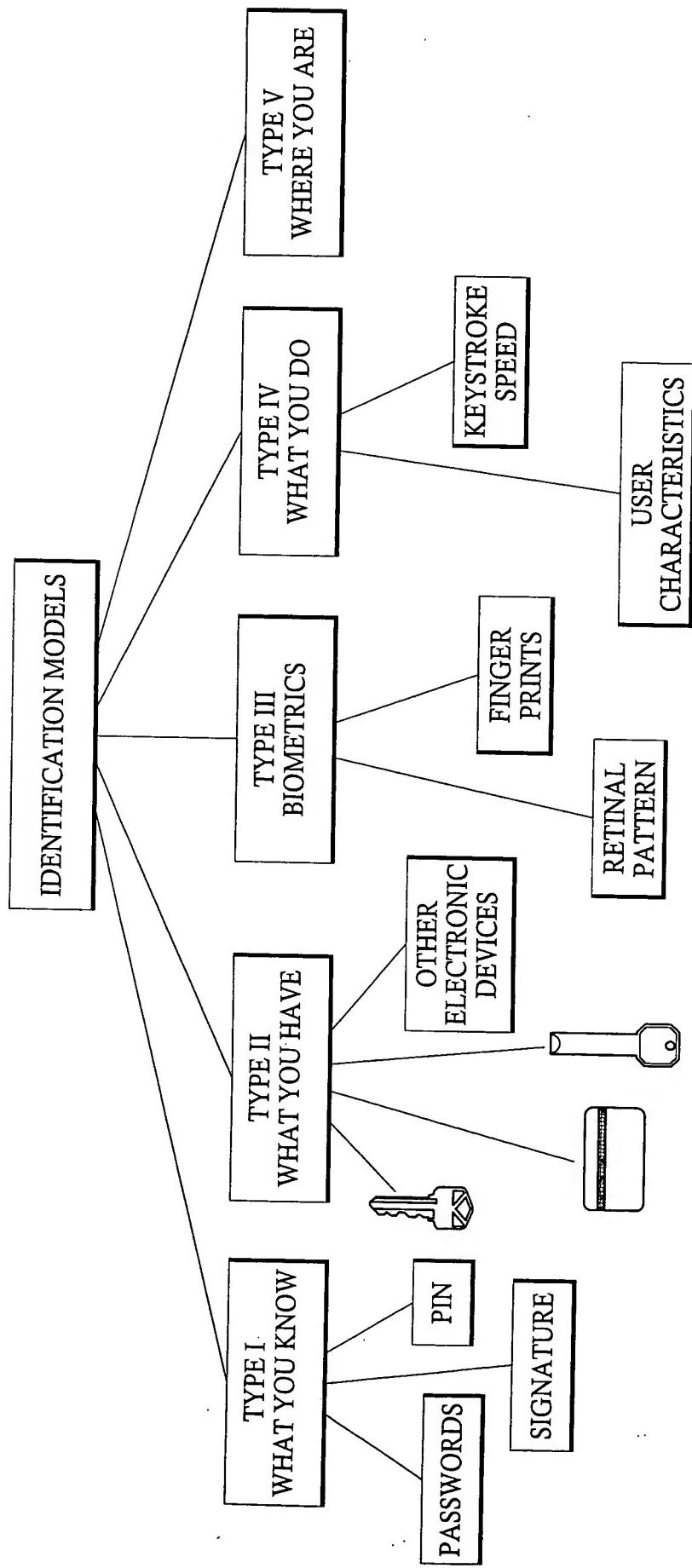


FIG. 1
(BACKGROUND)

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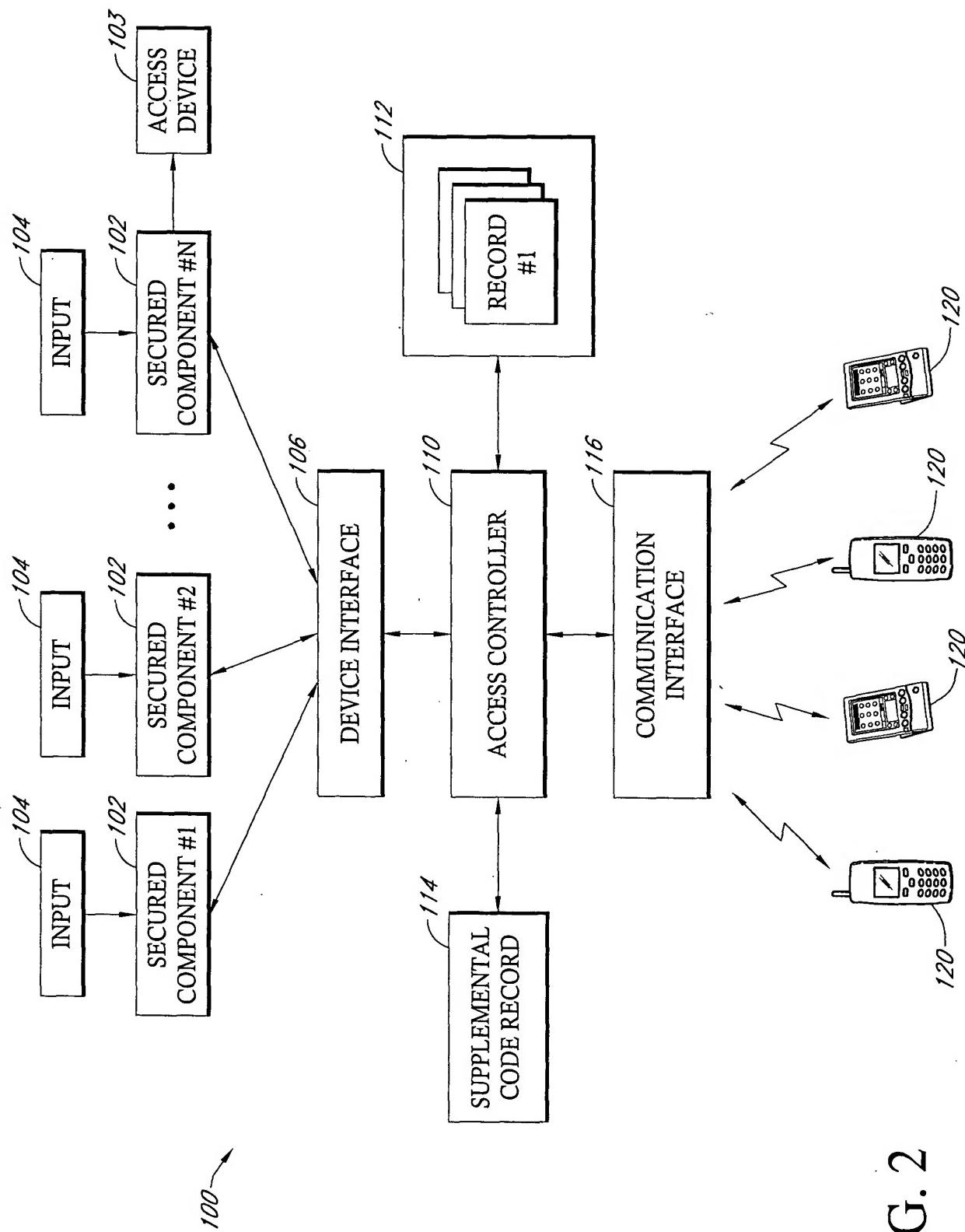


FIG. 2

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INDIVIDUAL SECURITY
ATTRIBUTES

RECORD #1

- AUTHORIZED INDIVIDUAL
- AUTHORIZED DEVICES
- COMM PATH
- SECURITY PROTOCOL
- ID CRITERIA
- ADDITIONAL SECURITY CRITERIA
- SUPPLEMENTAL COMMANDS
- REMOTE DEVICE ENABLEMENT

FIG. 3A

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COMPONENT ACCESS
ATTRIBUTES

- AUTHORIZED INDIVIDUALS
- SECURITY CRITERIA
 - SECURITY PROTOCOL
 - REQUIRED ADDITIONAL SECURITY
- AVAILABLE SUPPLEMENTAL COMMANDS
- REMOTE ENABLEMENT

FIG. 3B

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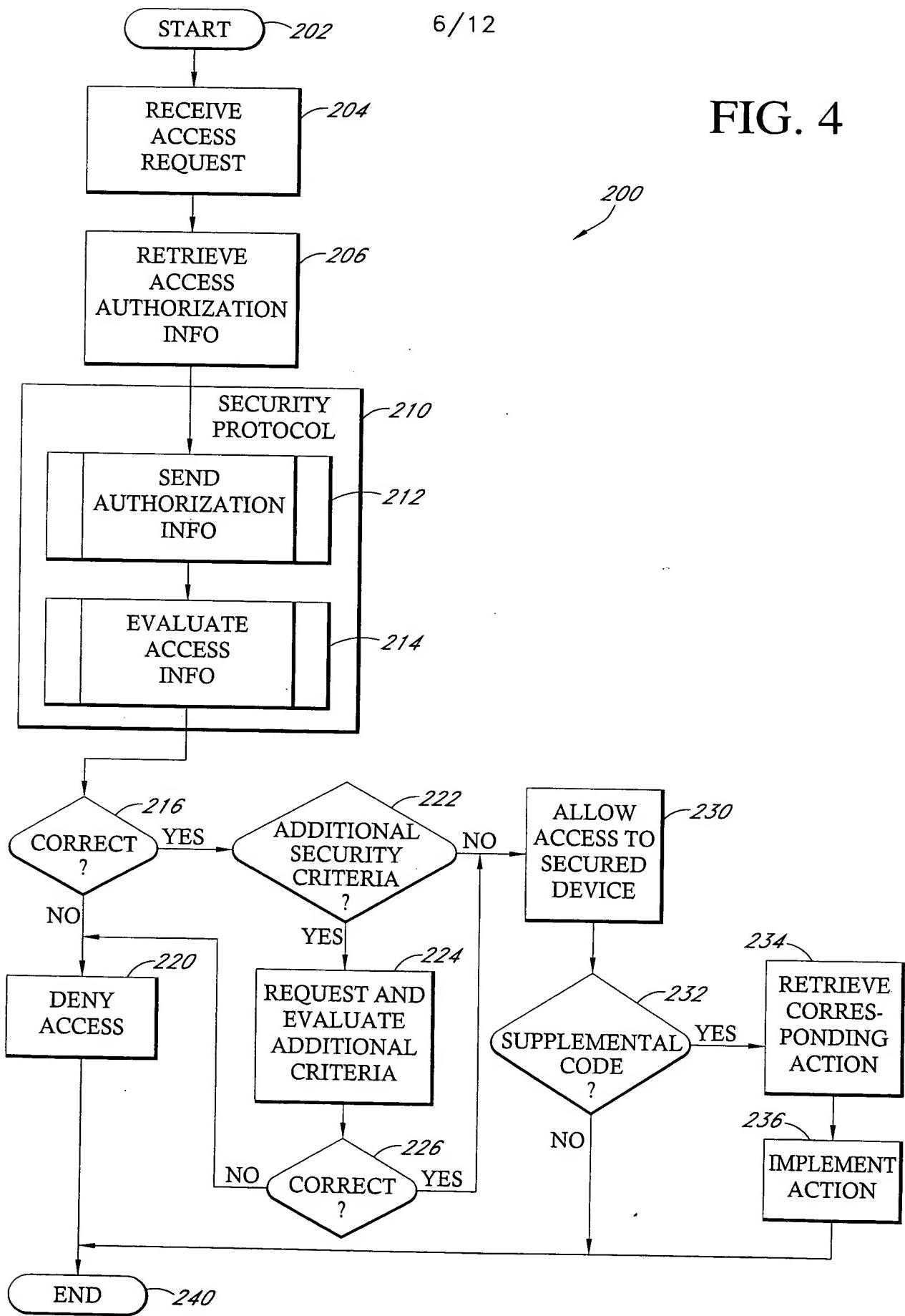
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SUPPLEMENTARY COMMAND
REFERENCE TABLE

DEVICE #1	→	PIN + 1	→	LOCK DEVICE
	→	PIN + 2	→	SOUND ALARM
	→	PIN + 3	→	DELETE/MODIFY FILES
	→	PIN + 4	→	CALL POLICE
	→	Etc		

• • •

FIG. 3C



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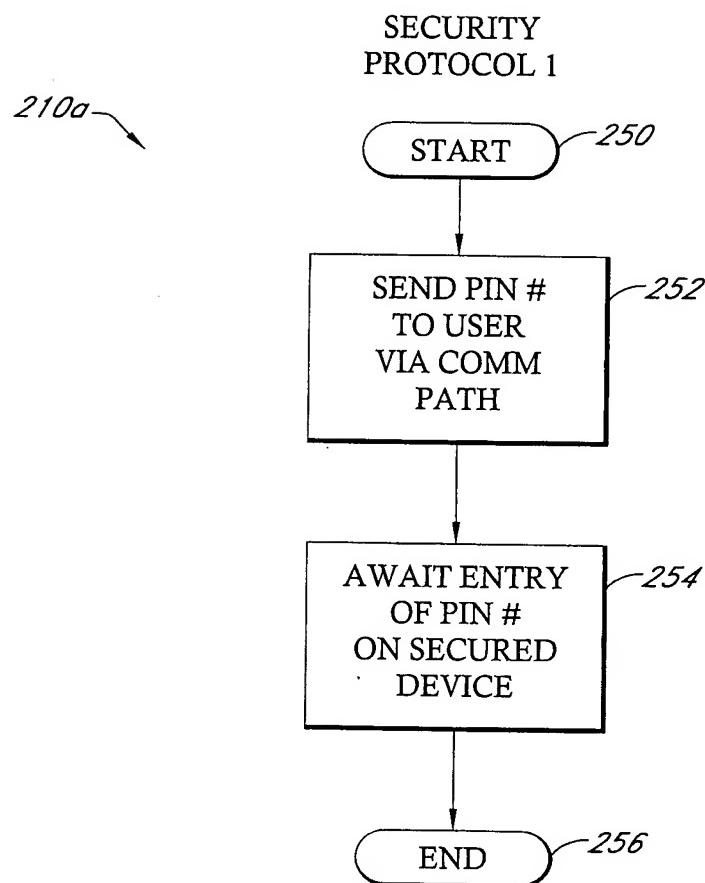


FIG. 5A

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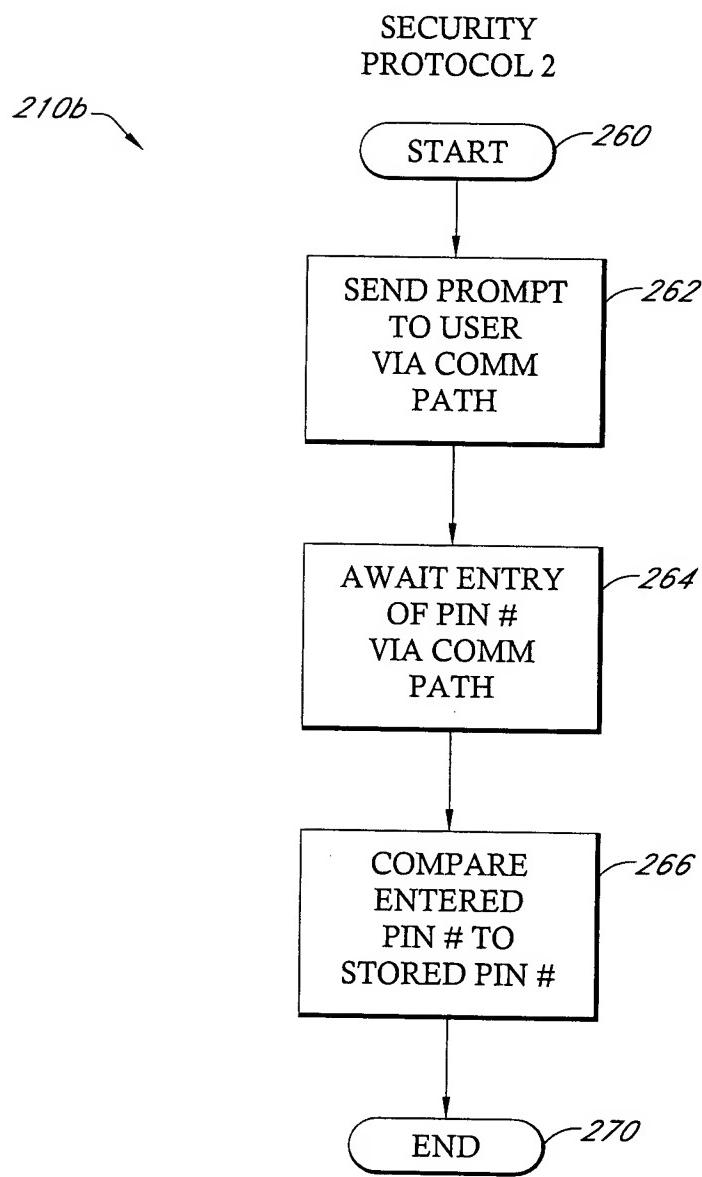


FIG. 5B

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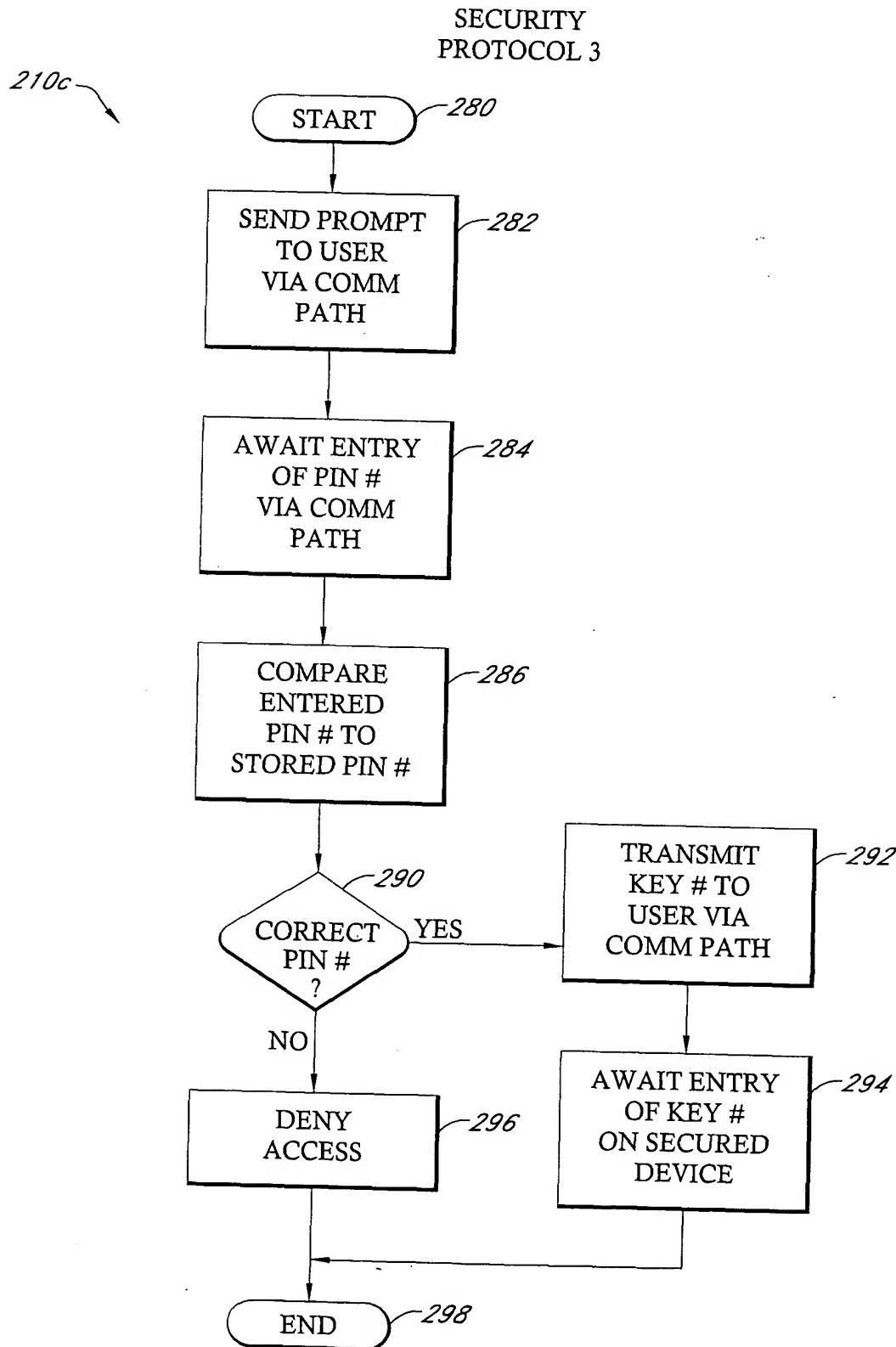


FIG. 5C

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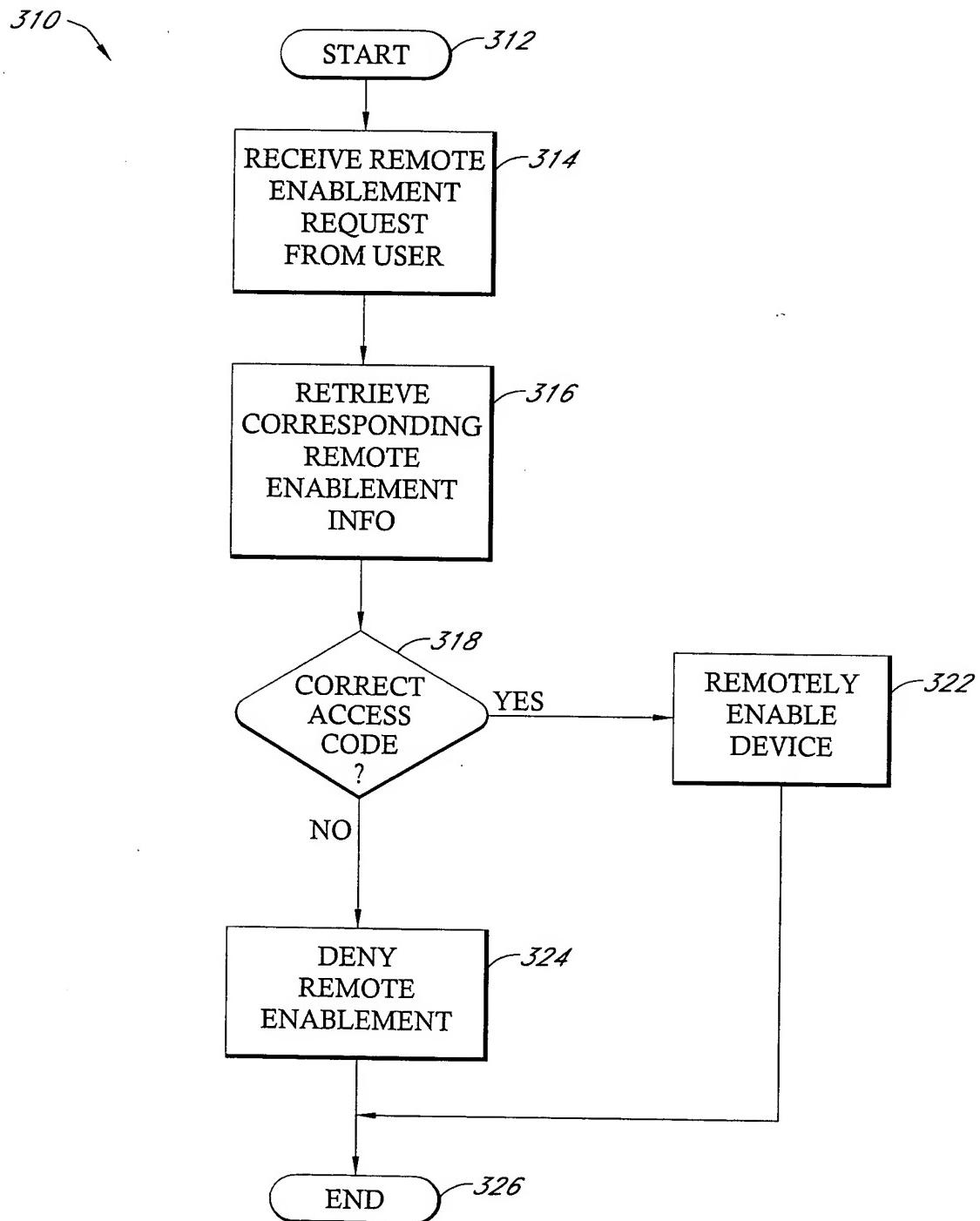


FIG. 6

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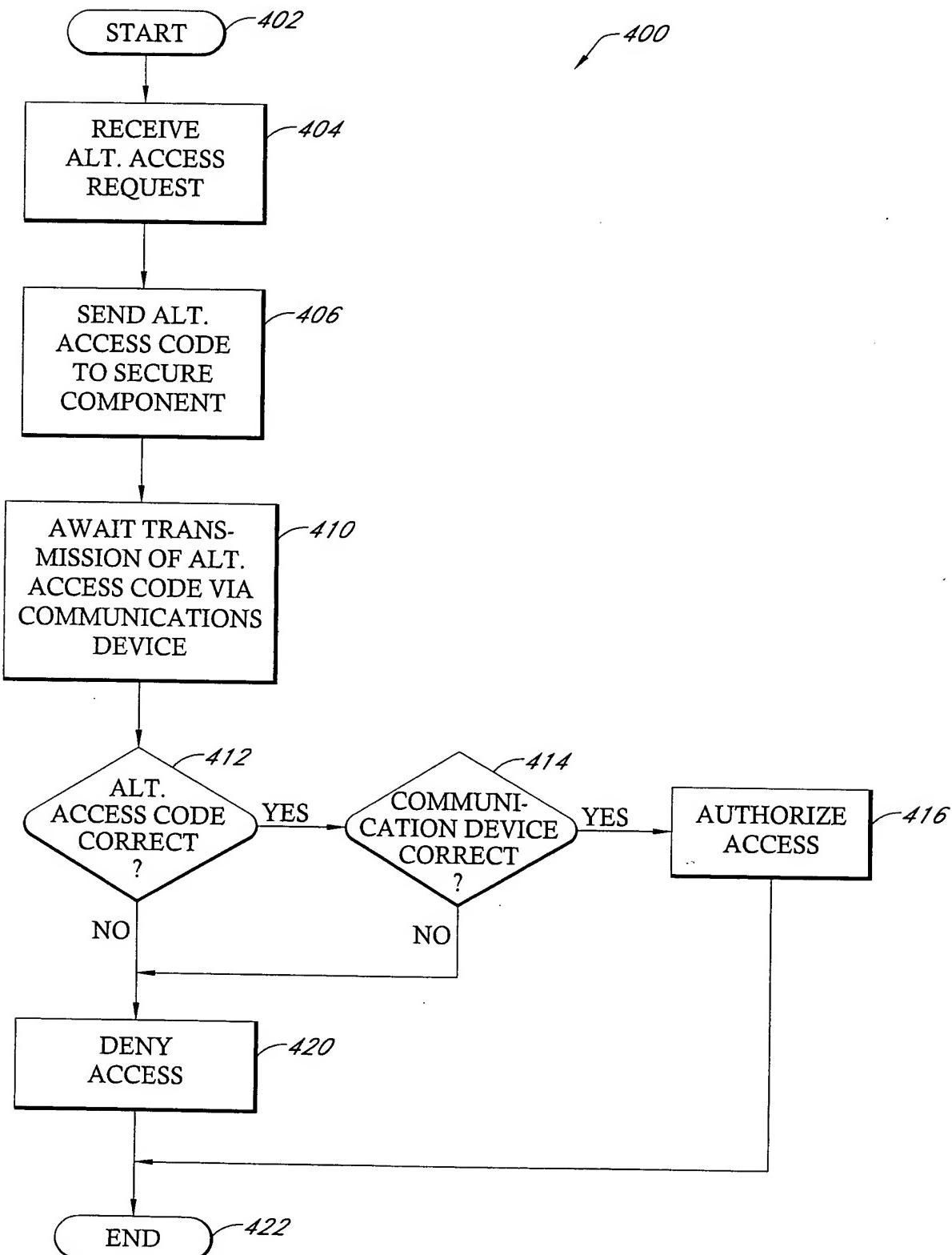


FIG. 7A

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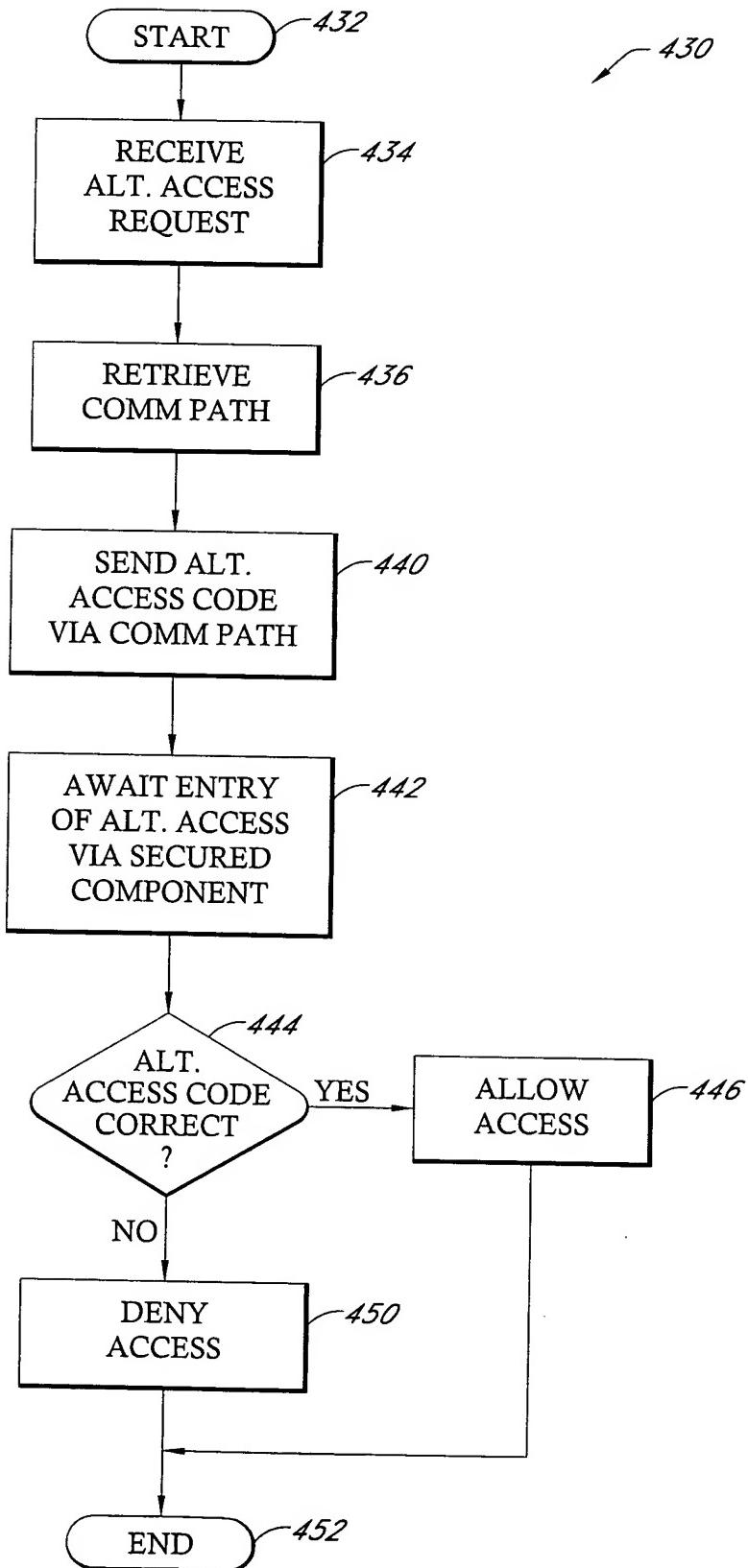


FIG. 7B